PETAKOM PAYMENT TRACKING SYSTEM

SARAH NABIHA BINTI HAMDAN

BACHELOR OF COMPUTER SCIENCE

UNIVERSITI MALAYSIA PAHANG

Note: This letter should be written by the supervisor, addressed to the Librarian, *Perpustakaan Universiti Malaysia Pahang* with its copy attached to the thesis.

SUPERVISOR'S DECLARATION

I hereby declare that I have checked this thesis and, in my opinion, this thesis is adequate in terms of scope and quality for the award of the degree of Bachelor of Computer Science (Software Engineering) with Honours.

_____

(Supervisor's Signature)

Full Name : ABDUL SAHLI BIN FAKHARUDIN

Position : SUPERVISOR

Date :

STUDENT'S DECLARATION

I hereby declare that the work in this thesis is based on my original work except for quotations and citations which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at Universiti Malaysia Pahang or any other institutions.

_____

(Student's Signature)

Full Name : SARAH NABIHA BINTI HAMDAN

ID Number : CB14039

Date :

PETAKOM PAYMENT TRACKING SYSTEM

SARAH NABIHA BINTI HAMDAN

Thesis submitted in fulfillment of the requirements
for the award of the degree of
Bachelor of Computer Science (Software Enginnering)

Faculty of Computer System & Software Engineering

UNIVERSITI MALAYSIA PAHANG

JUNE 2018

ACKNOWLEDGEMENTS

First of all, I would like to thank my family and friends for supporting me in preparing my thesis and giving words of encouragement not to be easily give up. Not forgetting also, my supervisor Abdul Sahli Bin Fakharudin who helped me and guided me to perfect the system as well as the thesis. Your support is very much appreciated.

ABSTRAK

Projek ini dibina untuk memudahkan organisasi PETAKOM untuk menjejak pembayaran yang telah dibuat oleh klien secara lebih organisasi, mudah, pantas, jimat kos dan mesra alam. Daripada masalah yang dapat dikesan seperti penggunaan kertas setiap kali pembayaran dilakukan ia akan mengambil masa untuk menjejak semula data yang diperlukan dan berkemungkinan juga untuk data hilang. RAD digunakan sebagai metodologi untuk pembangunan projek Petakom Payment Tracking System. Konsep Petakom Payment Tracking System ini adalah untuk menjejak pembayaran klien Petakom dengan lebih mudah, organisasi dan cepat.

ABSTRACT

This project is built to facilitate the organization of the PETAKOM to track payments made by students more organizationally, easily, fast, cost-saving and environmentally friendly. Of the detectable problems such as paper usage every time a payment is made it will take time to retrace the required data and possibly also for lost data. RAD is used as a methodology for Petakom Payment Tracking System project development. This Petakom Payment Tracking System concept is to track Petakom student payments more easily, organizationally and quickly.

TABLE OF CONTENTS

CONTENT **Page**

LIST OF FIGURES

LIST OF TABLES

LIST OF ABBREVIATION

RAD	Rapid Application Development
PPTS	Petakom Payment Tracking System
SDD	Software Design Document
SRS	Software Requirement Specification
GUI	Graphical User Interface

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

PETAKOM is Fakulti Sistem Komputer & Kejuruteraan Perisian (FSKKP) Student Association known as the Computer Technology Association. It was established as a medium between the student and the faculty. Based on observations and problems, there is a system to help PETAKOM be more organized in data storage and tracking data more easily and quickly, the Petakom Payment Tracking System.

As we know, PETAKOM uses a paper-based concept to store information or payment data obtained from their students. They will collect data through Google Drive, and print out those data to track payments made by their students. Thus, a system called Petakom Payment Tracking System is built to facilitate the PETAKOM to manage data storage organize and to keep track of the information needed easily and quickly. With this system, the PETAKOM can reduce the potential for data loss or miss the required information.

1.2 PROBLEM STATEMENT

The statement of the problem by PETAKOM was dissolved one by one to be resolved. The obvious problem that can be seen is the paper-based concept. This system is built to convert of paper-based to web-based concept.

With this, potential for missing data information lost can be reduced. By using web-based concept, also can reduce cost and environmentally friendly. In fact, makes it easier to record data more efficiently and quickly. Other than that, the tracking of required information can be done quickly. Thereby, saving the time of PETAKOM from trace the information one by one manually.

1.3 OBJECTIVE

The following are some objectives:

I. To study the purpose of Petakom
II. To design a computer system for track the payment that have been made by PETAKOM students
III. To evaluate the functionality of the system

1.4 SCOPE

The scope of the system is:

I. Define project
II. Allows Petakom committee to use the system
III. Provide a board to make an announcement
IV. Record student details into the system
V. Create tracking form for tracing information

1.5 THESIS ORGANIZATION

In this thesis contains five chapters. Chapter 1 describes the introduction of PPTS and is categorized in the form of problem statements, objectives and scope of project.

Chapter 2 tells about literature review where in this chapter will compare existing systems and discuss the improvements that can be made to this system.

Chapter 3 describes what methodology is appropriate and why it is appropriate to develop this system.

Chapter 4 discusses about implementation. In this chapter show the results on how the system is designed and functions.

Chapter 5 summarizes everything about the system and discusses future work and constrains encountered while developing this system.

REFERENCES

1. (n.d.). Retrieved from https://secure.moneygram.com/mgo/us/en/track
2. HTML. (n.d.). Retrieved from https://www.w3schools.com/
3. Payment Tracking System. (n.d.). Retrieved from https://www.pttgcgroup.com/en/vendors-corner/payment-tracking-system
4. Rapid application development. (2018, December 04). Retrieved from https://en.wikipedia.org/wiki/Rapid_application_development
5. Skyler, H. (2018, October 25). How to Track a MoneyGram Transaction. Retrieved from https://bizfluent.com/how-7457023-track-moneygram-transaction.html
6. Vendor Payment Tracking System. (n.d.). Retrieved from https://purchasing.ucla.edu/for-vendors/established-vendors/vendor-payment-tracking-system